

Lake District National Park

Forecast valid from 00:00 on Saturday 31 Dec 2022 until 23:59 on Sunday 01 Jan 2023

Forecast Issued on Friday 30 Dec 2022 at 12:37

Confidence: Remaining unsettled over the New Year period with further low pressure systems moving in from the Atlantic and bring periods of strong winds and wet weather, no significant snow is expected in this period but some uncertainty exists in the sleet and rain mix at times.

Headline for Saturday 31 Dec 2022: A wet start but drier afternoon in store, winds falling light but remaining cloudy throughout, further rain later.

Mountain weather hazards on Saturday 31 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Heavy Rain	Light snow	Sleet	Dull	Cloudy	Cloudy	Dull
Precipitation probability							
20%	80%	00%	80%	20%	20%	10%	20%

Forecast for Saturday 31 Dec 2022

Weather: Dry for the first part of the night but an area of rain spreads in from the west and will affect most of the Lake District by early morning. This will mostly fall as rain but perhaps Sleet or snow on the highest summits. Rain will clear east around the time it gets light leaving a dry, but cloudy morning, perhaps a few drizzly spells lingering. A little brighter during the afternoon but some showers likely too, mostly falling as rain but perhaps turning sleety later. Further rain moving across the area later in the evening.

Chance of cloud-free hill tops above 800m: 20% improving to 50% in the afternoon with more cloud breaks.

Low cloud and visibility: Broken or overcast low cloud overnight and first thing in the morning with layers of cloud above 500m and very little chance of views from height in the morning. Below 500m visibility will be hazy but some views are possible. In the afternoon some cloud will clear and lift allowing for visibility to improve. Scattered cloud later above 600m are still likely but some summits may clear temporarily at times, especially around northern Fells.

Forecast for Saturday 31 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/29 SW	15/19 S	12/14 SE	13/16 SE	16/20 SE	20/25 S	16/20 S	12/17 SE	18/25 S
600	17/25 SW	12/17 S	8/11 S	10/14 SE	12/17 SE	16/22 S	13/18 S	10/16 SE	14/22 S
300	6/19 SW	3/11 S	3/10 SE	4/11 SE	3/12 SE	5/15 S	5/14 S	5/12 SE	8/18 S
Valley	4/15 SW	3/10 SW	3/9 SE	4/11 E	4/12 SE	5/15 SE	5/13 SE	5/12 SE	5/13 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-6	0/-5	-0/-5	-0/-5	1/-4	1/-4	1/-4	0/-4	-1/-7
600	2/-3	2/-2	1/-2	2/-2	2/-2	3/-2	3/-2	2/-2	1/-4
300	4/2	4/3	4/2	3/2	4/3	5/3	4/3	4/2	3/0
Valley	6/5	6/5	6/4	5/4	6/4	6/5	6/5	6/5	6/4
Freezing Level*	1000m	1000m	900m	1100m	1200m	1200m	1100m	1100m	900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Freezing level mostly above the summits and winds not too strong during the day, wintry precipitation mostly confined to Scafell Pike and Helvellyn.

Forecast for Sunday 01 Jan 2023

Weather: A brighter day than Saturday to start the new year, with a few clear spells but often showery too and quite clustery in the strong, gusty winds. Showers will be wintry only on the tops in the morning but turning wintry to 600m later. Some drier spells with some winter sunshine too.

Maximum wind: Southwesterly 20-25mph gusts 30-35mph.

Chance of cloud-free hill tops above 800m: 70%, some lower cloud gathering around the fells in showers.

Low cloud and visibility: Areas of low cloud in showers shrouding the summits for a time, scattered cloud above 600m. Lower cloud more likely for western and southern fells tops. General visibility out of showers will be very good with good views and a good chance to spot any showers moving your way!

Temperature: **Valleys:** Plus 6 or 7 Celsius.
At 800m: Plus 1 falling to zero.
Freezing level: 1000m falling to 700m

Ground Conditions Supplement

Date: Friday 30 December 2022. Location: Brown Crag summit at 11:13. Full report: Torrential rain and gales overnight continued into the morning only easing slowly by the afternoon. Drenching conditions with saturated ground and many rivers coming into spate all combined to create extremely difficult conditions in the fells. The majority of the Lakeland fells are snow-free, with continued thawing of any remaining snow, however, small drifts of soft snow are still present above 700m in sheltered spots and hollows, and more notably on north and east-facing slopes above 800m. Swirral and Striding Edge are in winter condition and are a mixture of soft snow and rock (albeit more rock than snow). The freezing level is forecast to drop to around 900m tomorrow afternoon accompanied by sleet and summit snow so anyone heading out into the higher fells should anticipate and be prepared for this. Full winter clothing including spare layers, hats and gloves, a map, compass and headtorch are all essential. As previously mentioned, goggles are also recommended. Anyone planning steep and exposed routes above the snowline are advised to carry an ice axe and crampons and microspikes. Temperature: plus 3.9 C, Maximum wind speed 55.5 mph, Wind chill: minus 4.8 C, Average wind speed: 44.8 mph

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